

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: S. NAKAYAMA, et al

Serial No.: Not yet assigned

Filed: August 4, 2003

For: STORAGE SUBSYSTEM AND STORAGE CONTROLLER

Group: 2182

Examiner: A. Elamin

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 & 1.98**

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 4, 2003

Sir:

In the matter of the above-identified application, this Information Disclosure Statement is being submitted with the following citation as specified in 37 CFR §1.97(d).

"A copy of any patent, publication or other information listed in an Information Disclosure Statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. §120."

Applicant(s) are submitting herewith a copy of Form PTO-1449 which list documents cited in parent application(s) Serial No. 09/608,151, filed June 30, 2000.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (520.38682CX2) please credit any excess fees to such deposit account.

Respectfully submitted,



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CIB/jdc
(703) 312-6600

FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 520.38682CX2	SERIAL NO. Not yet assigned
	APPLICANT S. NAKAYAMA, et al	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 9 1 4 6 5 6	4/90	Dunphy, Jr.			
	4 9 8 9 2 0 5	1/91	Dunphy, Jr.			
	5 4 6 9 5 6 4	11/95	Junya			
	5 0 7 7 7 3 6	12/91	Dunphy, Jr.			
	5 7 4 8 9 2 4	5/98	Llorens et al			
	5 6 5 7 4 4 5	8/97	Pearce			
	5 6 5 1 1 3 9	7/97	Cripe et al			
	5 6 4 4 7 8 9	7/97	Matthews et al			
	5 6 2 3 6 3 7	4/97	Jones et al			
	5 6 1 0 7 4 6	3/97	Ranalli			
	5 5 4 8 7 8 3	8/96	Jones et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
0	1 1 8 1 1 3 9	7/99	Japan			XX	
0	3 1 0 5 4 1 9	5/91	Japan			XX	
0	3 1 5 2 6 5 0	6/91	Japan			XX	
0	5 1 8 1 6 0 9	7/93	Japan			XX	
0	5 2 2 5 0 6 8	9/93	Japan			XX	
0	5 3 2 4 4 4 5	12/93	Japan			XX	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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		5	5	3	3	1	2	5	7/96	Bensimon et al			
		5	5	2	8	5	8	4	6/96	Grant et al			
		5	2	9	7	2	6	8	3/94	Lee et al			
		5	2	8	2	2	4	7	1/94	McLean et al			
		5	2	7	4	7	8	3	12/93	House et al			
		5	2	3	9	6	3	2	8/93	Larner			
		5	2	3	7	6	6	8	8/93	Blandy et al			
		5	2	1	0	8	4	4	5/93	Shimura et al			
		5	1	6	3	0	9	6	11/92	Clark et al			
		5	1	2	4	9	8	7	6/92	Milligan et al			
		5	9	1	3	2	2	7	6/99	Raz et al			

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES	NO
	0	6	2	1	4	8	6	3	8/94	Japan			XX	
	6	3	2	5	3	4	4	8	10/88	Japan			XX	
	0	6	0	9	5	8	5	9	4/94	Japan			XX	
	0	8	2	5	1	1	0	1	9/96	Japan			XX	
	0	8	1	1	5	2	7	9	5/96	Japan			XX	

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	5 8 9 4 4 8 1	4/99	Book			
	5 8 7 2 8 2 2	2/99	Bennett			
	5 8 4 8 2 5 1	12/98	Lomelino et al			
	5 8 3 5 4 9 6	11/98	Yeung et al			
	5 8 1 2 7 5 4	9/98	Lui et al			
	5 8 0 9 3 2 8	9/98	Nogales et al			
	5 8 0 5 9 2 0	9/98	Sprenkle et al			
	5 8 0 5 8 0 0	9/98	Kotani et al			
	5 7 6 8 6 2 3	6/98	Judd et al			
	5 7 6 8 5 3 0	6/98	Sandorfi			
	6 2 1 9 7 7 7	4/01	Kikuchi et al			

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	6 1 8 5 2 0 3	2/01	Berman			
	6 1 1 8 7 7 6	9/00	Berman			
	6 0 6 1 7 5 3	5/00	Ericson			
	6 0 4 1 3 8 1	3/00	Hoese			
	5 9 4 1 9 7 2	8/99	Hoese et al			
	5 9 4 1 9 6 9	8/99	Ram et al			

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	6 4 9 3 8 2 5	10/02	Blumenau et al	713	168	
	6 4 8 4 2 4 5	11/02	Sanada et al	711	164	
	6 4 2 5 0 3 6	7/02	Hhese et al	710	129	
	5 8 9 8 8 2 8	4/99	Pignolet et al	714	6	

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